

With or Without

STEEL STEAMER.

Received at London WED. OCT. 4 1922

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel

Date of completion of report 30 Sept. 1922
Survey held at Newcastle on Tyne

Port of NEWCASTLE-ON-TYNE

Date, First Survey 17 June 1921 Last Survey 28 September 1922

On the (State if Single, Twin, or Triple Screw)

Single Screw "BRITISH GUNNER"

Rig Schooner

TONNAGE under
Tonnage Deck
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 6267.68
Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage 1894.38
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES
Less Engine Room
Less Navigation Spaces

CLASS 4100 A1
Breadth (greatest moulded) 56.75
Depth, at middle of length from top of keel to top of upper deck beams at side 33.92
Transverse Number 90.67
Length on deck from fore part of stem to after part of stern post 440.00
Longitudinal Number 39894.80
Depth "d," at middle of length (See Secs. 2 & 12) 12.97
Proportions—Depths to Length—Upper Deck Beam at side to top of keel
Long Bridge Deck Beam at side to top of keel

Master
Year of appointment
Built at Newcastle on Tyne
When built 1922 Launched 10 August 1922
By whom built Swan Hunter & Wigham Richardson L.
Owners British Tankers Ltd.
Managers
Residence London
Port belonging to London

Register Tonnage as cut on Beam 4073.41

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
440	0		56	9		33	10		2	2
						Do.	Do.	Do.		
Moulded depth, ft. 41 ins. 5 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 ins.										
Moulded depth, ft. 33 ins. 11 To Upper Dk. Dk. Beam, Actual 14 ins.										
Dimensions of Ship per Register, Length 440 breadth 57 depth 33.7										
FRAMING.						PILLARS.				
FRAME, Angles, or Bars amidships						PILLARS In 'tween Deck, size and spacing				
Do. in peaks						Hold				
Do. in way of Double Bottoms at Solid Floors						Quarter 'tween Dks.				
Do. at intermdt. Bkts.						in Hold				
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.				
length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above				
in peaks						Rider Plate				
REVERSED FRAME, Angles						Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors						Horizontal Plates on Floors				
Do. at intermdt. Bkts.						Angles or Bulb Angles				
FRAMING, depth of girder						SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for length amidships						Angles or Bulb Angles				
in way of Engine and Boiler Spaces						Plate above floors for length				
thickness at the ends of vessel						Intercoastal Plate, for length				
depth at the half breadth, as per Rule						Attached to outside Plating with Angle				
height extended at the Bilges						BILGE KEELSON, Angles				
FLOORS in Cell. Double Bottoms						Intercoastal Plate for length				
state if flanged (top & bottom)						Attached to outside Plating with Angle				
Spacing of Solid floors						SIDE STRINGERS, Number				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						Angle				
Angles, Top						Intercoastal Plate, for length				
Bottom						Attached to outside plating with Angle				
to Floors						Upper Deck Stringer Plate, br'dth & thickness				
Brackets at intermdt. frmg., wdth & thcknss						(clear of Bridge)				
SIDE GIRDERS, number on each side & thickness						Width & thickness				
state if flanged (top and bottom)						(in way of Bridge)				
Angles (top and bottom)						Angle (clear of Bridge)				
to Floors						Tie Plate at sides of Hatchways				
MARGIN PLATE, depth (exclusive of flange) and thickness						Deck. Steel, for full lng.				
Angle to Outside Plating						Thickness (clear of Bridge)				
Floors						(in way of Bridge)				
Brackets at intermdt. frmg., wdth & thcknss						Wood Deck. Material & thickness				
Height of Outside Brackets above at bilge						Second Deck Stringer Plate, br'dth & thickness				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Angles on ditto, No.				
in Engine and Boiler space						Tie Plates outside Hatchways				
Remainder in Holds						Deck. Steel, for full lng.				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Wood Deck. Material & thickness				
In way of Long Bridge						Third Deck Stringer Plate, br'dth & thickness				
Spacing						Angles on ditto, No.				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Tie Plates, outside Hatchways				
Spacing						Deck. Material and thickness				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness				
Angles on upper edge						Angle on ditto				
Spacing						Tie Plates				
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Deck. Material and thickness				
Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness				
Spacing						Angle on ditto				
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Tie Plates				
Angles on upper edge						Deck. Material and thickness				
Spacing						Forecastle Deck Stringer Plate, br'dth & th'kns				
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Angle on ditto				
Angles on upper edge						Tie Plates				
Spacing						Deck. Material and thickness				

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

W346-0050 1/3

WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. brdth. & thickness. WEB-FRAMES, In After Body, No. and spacing. brdth. & thickness. No. of Side Stringers. Size of Face Angles to Web-Frames. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Single or Double Frames. Height up state deck.

FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D Table 22. Speed. Main-Piece, diameter at head. at heel.

RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unsheathed afloat? Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. Has the Steel been tested as required by the Rules?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS.

FLAT PLATE KEEL. GARBORDE OF A STRAKE. State actual thickness in way of Double Bottom.

THICKNESS OF STRAKE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DECK OF Flat Plate Keel. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES.

Upper Deck Stringer Plate. Butts riveted. Straps, single, overlapped for full length amidship. Second Deck Stringer Plate. Butts, T riveted. Straps, single, overlapped for full length amidship.

FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails.

EQUIPMENT No. 41655. LETTER B+. ANCHORS. TONNAGE U.K. OR PLATING No. FOR TRAWLERS.

Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent.

Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES. Number of Certificate. Length and size supplied. Length, Diam. Test per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent.

HAWSERS AND WARPS. Number of Certificate. Length and size supplied. Length, Cir. Breaking Test of Steel Wire. Length and size per Table 31. Length, Cir. Towing. Length, Cir. Jy.

Boats. Steering Gear, Steam or Hydraulic Steering Gear, Hand. Pumps, Number. Diameter of Barrel. State whether they are in efficient working order.

Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways, thickness and material. Hatches, If strong and efficient? No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch.

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. No. of Crutches sup. floors.

Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature. Surveyor's Signature. Director.

Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case).

Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating?

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

General Remarks (State quality of workmanship, &c.). This vessel has been built in accordance with the accompanying plans and the Surveyor's letter dated as above, and in conformity with the Rules for the class contemplated. All the oil compartments, coppered, summer tanks, dup. tanks and double bottom aft have been tested to Rule requirements and found satisfactory. The scantlings & arrangements in machinery space and forward of the oil compartments are as approved. Gunwales in forward oil compartments are strengthened by increasing their depth. Plans 11 in No. 2 are enclosed also 2 Forging reports.

Freeboard Fee. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. Fees applied for. Received by me. Certificate to be sent to. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.

Lower Mast. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails.

"BRITISH GUNNER" No. 1130

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Spacing of Rivets on each side of Transverses and Bulkheads.			
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.	Diameter.	
Framing of or																	
Frames in Bridge 'tween Decks...		7 3 1/2 40 angles			6 3 36			Laminum framing									
Frames from Uppermost Continuous Deck No. 1)		9 3 1/2 44			9 3 1/2 44			9 3 1/2 44			7/8 6 dia		6 dia		7 7/8		
" 2		" " "			" " "			" " "			" "		" "		" "		
" 3		" " "			" " "			" " "			" "		" "		" "		
" 4		" " "			" " "			" " "			" "		" "		" "		
" 5		" " "			" " "			" " "			" "		" "		" "		
" 6		" " "			" " "			" " "			" "		" "		" "		
" 7		" " "			" " "			" " "			" "		" "		" "		
" 8		" " "			" " "			" " "			" "		" "		" "		
" 9		10 3 1/2 44			10 3 1/2 44			10 3 1/2 44			" "		" "		" "		
" 10		" " 48			" " 48			" " 48			" "		" "		" "		
" 11		10 " 54			" " 50			" " 54			" "		" "		10		
" 12		15" x 475"			15" x 475"			15" x 475"			" "		" "		13 1/2		
" 13		44" x 63			44" x 63			44" x 63			" "		" "		14 1/2		
" 14																	
" 15																	
" 16																	
Spacing of Longitudinal Frames		30			30			30			30						
Double Bottoms or		Tank Top Longitudinals															
		Bottom															
Spacing of Longitudinals		Amidships															
		At Ends...															
Transverses.		15 x 38			15 x 38												
In Bridge		3 1/2 3 1/2 40			3 1/2 3 1/2 40												
'tween Decks		" " "			" " "												
In Awaiting, Shelter or Upper 'tween Decks.		18 40			18 40			18 40			18 40						
		3 1/2 3 1/2 44			3 1/2 3 1/2 44			3 1/2 3 1/2 44			3 1/2 3 1/2 44						
		" " 40			" " 40			" " 40			" " 40						
		36 46			36 46			36 46			36 46						
In Hold.		7 3 1/2 48			7 3 1/2 48			7 3 1/2 48			7 3 1/2 48						
		6 6 46			6 6 46			6 6 46			6 6 46						
		46 40			46 40			46 40			46 40						
Spacing of Transverse Frames		7-9 1/2 8-3			11-0 1/2 4 1/2 9-4			7-9 1/2 8-3			11-0 1/2 4 1/2 9-4						
Longitudinal Beams of or		6 3 325			6 3 325						36						
Upper		6 3 38			6 3 38			6 3 38			6 3 38		30				
Second		7 3 40			7 3 40			7 3 40			7 3 40		30				
Third																	

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten text in the upper section of the form, likely bleed-through from the reverse side.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 113.25 ft., R.Q.D. ✓ ft., Bridge 34.5 ft., Forecastle 49.3 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 str (cell) - web frames. Longt. framing ✓

Official No. 146,639; Signal Letters _____ State if Machinery is fitted aft yes ✓

How are the surfaces preserved from oxidation? Inside Paint cement + paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<u>22.0</u>	<u>182</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>25.0</u>	<u>223</u>
Double bottom, if under Engines only,	<u>87.5</u>	<u>61</u> ✓	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<u>46.25</u>	<u>709</u>
Double bottom, forward,			Other tanks, if fitted, <u>off compartment</u>	<u>5-6</u>	<u>186</u>
Total capacity of double bottom		<u>61</u>	(If necessary, furnish further information by sketch.)	<u>5-6</u>	<u>189</u>

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes ✓

Order for Special Survey No. 4947

Date 14.12.20

No. 1130 in builder's yard.

DATES of Surveys held while building

1921
June 17, July 15, 6, 11, 13, 15, 21, 22, 27, 29, Aug 5, 9, 11, 17, 18, 23, 26, 31, Sep 6, 8, 12, 19, 23, 27, 30, Oct. 3, 4, 7, 11, 13, 15, 17, 18, 19, 20, 21, 24, 26, 31, Nov. 2, 3, 11, 30.
1922
Dec. 8, 15, 19, 23, 27, Jan. 4, 6, 10, 12, 19, 25, 30, Feb. 9, 10, 17, 22, Mar. 1, 3, 8, 10, 15, 17, Apr. 6, 7, 10, 8, 9, 11, 16, 17, 19, 23, 24, 25, 26, 27, 29, 30, 31, June 1, 2, 3, 6, 7, 9, 12, 13, 14, 15, 16, 30, July 12, 13, 14, 17, 18, 19, 20, 21, 24, Aug 17, 23, 29, Sep. 1, 6, 8, 12, 19, 20, 25, 27, 28.

Surveyor's Signature

G. D. Calkin

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